

2/23/04

SHEET 1 OF 3

FORM PTO-1449 U.S. Department of Commerce
(Rev. 4/92) Patent and Trademark Office

ATTY. DOCKET NO.
APV31670

SERIAL NO.
To be assigned

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

APPLICANT
Ranjan RAY

FILING DATE
February 23, 2004

GROUP
1742

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
jm	5 1 6 3 4 9 8	11/92	Kantner et al.			
	3 6 8 3 9 9 6	08/72	Dunlop			
	3 5 6 7 8 9 6	03/71	Chang			
	4 0 0 5 1 6 3	01/77	Bokros			
	4 7 6 1 2 7 2	08/88	Hucke			
	5 9 2 4 4 7 0	07/99	Costilla-Vela et al.			
	5 9 6 4 0 9 1	10/99	Fukui et al.			
	4 1 2 9 4 6 2	12/78	Korenko			
	5 1 7 6 7 6 2	01/93	Berczik			
	5 4 8 9 4 1 1	02/96	Jha et al.			
	5 0 2 6 5 2 1	06/91	Kajimura et al.			
	5 6 6 5 2 6 2	09/97	Hajaligol et al.			
	5 2 2 6 9 4 6	07/93	Diehm et al.			
	4 6 7 0 2 0 1	06/87	Montgomery et al.			
	4 2 2 6 9 0 0	10/80	Carlson et al.			
jm	3 7 1 8 7 2 0	02/73	Lambdin, Jr. et al.			
	3 4 9 2 1 9 7	01/70	Olstowski et al.			
	3 2 5 6 5 7 4	06/66	Lirones			
	3 7 8 1 1 5 8	12/73	Leghorn			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
					YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER jm DATE CONSIDERED 12/20/06

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SHEET 2 OF 3

FORM PTO-1449 U.S. Department of Commerce (Rev. 4/92) Patent and Trademark Office INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. APV31670	SERIAL NO. To be assigned
	APPLICANT Ranjan RAY	
	FILING DATE February 23, 2004	GROUP

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
jm	6 0 0 4 0 6 4 4	03/85	JP			Abstract Only	
jm	5 5 1 4 9 7 4 7	11/80	JP			Abstract Only	
jm	1 3 0 6 6 4 1	04/87	SU				X

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

jm	USSN 10/143,920, Ranjan RAY et al., filed May 14, 2002
jm	USSN 10/151,871, Ranjan RAY et al., filed May 22, 2002
jm	USSN 60/463,736, Ranjan RAY et al., filed April 18, 2003

EXAMINER	jm m	DATE CONSIDERED	12/20/06
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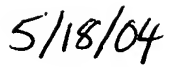
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jm	2 9 7 7 2 2 2	03/61	Bieber			
	3 2 4 1 2 0 0	03/66	Lirones			
	3 2 4 3 7 3 3	03/66	Hosman			
	3 2 6 5 5 7 4	08/66	Scolari			
	3 2 6 6 1 0 6	08/66	Lirones			
	3 2 9 6 6 6 6	01/67	Lirones			
	3 2 5 7 6 9 2	06/66	Operhall			
	3 3 2 1 0 0 5	05/67	Lirones			
	3 3 8 9 7 4 3	06/68	Morozov et al.			
	3 4 8 5 2 8 8	12/69	Zusman et al.			
	3 5 1 9 5 0 3	07/70	Moore et al.			
	3 5 4 7 6 7 6	12/70	Bokros et al.			
	3 9 0 0 5 4 0	08/75	Robba et al.			
	4 2 0 9 3 4 8	06/80	Duhl et al.			
	4 2 2 6 9 0 0	10/80	Carlson et al.			
	4 4 5 3 9 8 5	06/84	Gessinger et al.			
	4 5 7 4 0 1 5	03/86	Genereux et al.			
	4 5 7 9 6 0 2	01/86	Paulonis et al.			
	4 6 0 8 1 9 2	08/86	Su			
	4 6 1 2 0 6 2	09/86	Nazmy et al.			
jm	4 6 2 7 9 4 5	12/86	Winkelbauer et al.			
	4 7 1 9 0 8 0	01/88	Duhl et al.			
	4 7 6 9 0 8 7	09/88	Genereux et al.			
	5 5 2 5 2 7 6	06/96	Okuyama et al.			
	5 6 3 0 4 6 5	05/97	Feagin			
	5 7 0 5 1 3 9	01/98	Stiller et al.			

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APV31670

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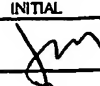
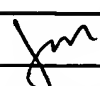

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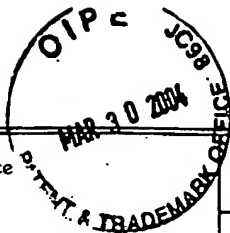
U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	3 9 5 4 5 1 4	05/76	Webster et al.			
	3 9 5 4 5 1 6	05/76	Hu			
	4 4 0 6 7 1 5	09/83	Nakayama et al.			
	4 5 1 1 4 0 9	04/85	Ferton et al.			
	4 6 0 9 4 0 8	09/86	Rodrigues et al.			
	4 7 2 1 5 3 7	01/88	Ghosh			
	4 7 5 3 6 9 2	06/88	Kuroki et al.			
	4 8 8 9 7 7 2	12/89	Bergmann et al.			
	4 9 6 1 8 3 1	10/90	Bergmann et al.			
	4 9 6 1 8 3 2	10/90	Shagun et al.			
	4 9 6 3 2 3 9	10/90	Shimamura et al.			
	4 9 6 4 9 6 2	10/90	Nobutani et al.			
	4 9 6 4 9 6 8	10/90	Arita			
	4 9 6 4 9 6 9	10/90	Kusakabe et al.			
	4 9 7 1 6 7 4	11/90	Hata			
	4 9 6 3 2 4 0	10/90	Fukasawa et al.			
	4 9 6 6 6 7 6	10/90	Fukasawa et al.			
	5 0 7 9 9 0 7	01/92	Sameshima et al.			
	5 0 8 7 2 9 7	02/92	Pouliquen			
	5 4 6 8 3 0 5	11/95	Uchida et al.			
	6 4 0 2 9 1 2	06/02	Herrera et al.			
	6 4 9 4 9 9 9	12/02	Herrera et al.			
	6 5 8 5 8 7 0	07/03	Pitcher et al.			
	6 6 3 4 4 1 3	10/03	Ray et al.			
EXAMINER 	DATE CONSIDERED	12/20/06				

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jm	4 4 0 6 7 1 5	09/83	Nakayama et al.			
jm	4 5 1 1 4 0 9	04/85	Ferton et al.			
jm	4 6 0 9 4 0 8	09/86	Rodrigues et al.			
jm	4 7 2 1 5 3 7	01/88	Ghosh			
jm	4 7 5 3 6 9 2	06/88	Kuroki et al.			
jm	4 8 8 9 7 7 2	12/89	Bergmann et al.			
jm	4 9 6 1 8 3 1	10/90	Bergmann et al.			
jm	4 9 6 1 8 3 2	10/90	Shagun et al.			
jm	4 9 6 3 2 3 9	10/90	Shimamura et al.			
jm	4 9 6 4 9 6 2	10/90	Nobutani et al.			
jm	4 9 6 4 9 6 8	10/90	Arita			
jm	4 9 6 4 9 6 9	10/90	Kusakabe et al.			
jm	4 9 7 1 6 7 4	11/90	Hata			
jm	4 9 6 3 2 4 0	10/90	Fukasawa et al.			
jm	4 9 6 6 6 7 6	10/90	Fukasawa et al.			
jm	5 0 7 9 9 0 7	01/92	Sameshima et al.			
jm	5 0 8 7 2 9 7	02/92	Pouliquen			
jm	5 4 6 8 3 0 5	11/95	Uchida et al.			
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